



J1011 U.S. PRO
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02/06/02

<p align="center">UTILITY PATENT APPLICATION TRANSMITTAL</p> <p>(Only for new non-provisional applications under 37CFR§1 53(b))</p>	Attorney Docket No.		HME/7477.015
	First Inventor or Application Identifier		Georges Guiochon
	Title	METHOD AND APPARATUS TO PACK HIGH EFFICIENCY COLUMNS FOR CHROMATOGRAPHY	
	Express Mail Label No.		EL915422866US

<p>APPLICATION ELEMENTS</p> <p><i>See MPEP chapter 600 concerning utility patent application contents.</i></p>	<p>ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231</p>
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<p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Specification Total pages 26 <i>(preferred arrangement set forth below)</i> - Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Federally Sponsored Research - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Pages] 2</p> <p>4. Oath or Declaration [Total Pages] 2</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) <i>(for continuation/divisional with Box 16 completed)</i></p> <p style="margin-left: 40px;">i. <input type="checkbox"/> <u>Deletion of Inventor(s)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§1.53(d)(2) and 1.33(b)</p>	<p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p style="margin-left: 40px;">a. <input type="checkbox"/> Computer readable copy</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> Paper copy (identical to computer copy)</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> Statement verifying identity of above copies</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center; margin: 0;">ACCOMPANYING APPLICATION PARTS</p> <p>7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>8. <input type="checkbox"/> 37 CFR §3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>when there is an assignee</i></p> <p>9. <input type="checkbox"/> English translation document <i>(if applicable)</i></p> <p>10. <input type="checkbox"/> Information Disclosure Statement (IDS) /PTO 1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be specifically itemized)</i></p> <p>13. <input checked="" type="checkbox"/> *Small Entity Statements <input type="checkbox"/> Statement filed in prior application. Status still proper and desired. <i>(PTO/sb/09-12)</i></p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>15. <input checked="" type="checkbox"/> Other Petition to Make Special Because of Applicant's Age; Declaration of Applicant, Dr. Georges Guiochon</p> </div>
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* Note for Items 1 & 13: In order to be entitled to pay small entity fees, a small entity statement is required (37 CFR §1.27), except if one filed in a prior application is relied upon (37 CFR §1.28)

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____ Group No./Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label		(Insert customer number or attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
Name	Howard Eisenberg, Esq.				
Address	601 S.W. Second Avenue, Suite 1600				
City	Portland	State	Oregon	Zip Code	97204
Country	U.S.A.	Telephone	(503) 227-5631	FAX	(503) 228-4373
Name (print type)	Howard M. Eisenberg		Registration No. (Attorney/Agent)		36,789
Signature			Date	February 6, 2002	

Complete If Known

Application Number

Patent fees are subject to annual revision.

Filing Date

February 6, 2002

First Named Inventor

Georges Guiochon

Examiner Name

Group/ Art Unit

TOTAL AMOUNT OF PAYMENT

\$650

Attorney Docket No.

HME/7477.015

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. ☒ The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to:

Deposit Account Number 50-1773

Deposit Account Name	Howard Eisenberg, Esq.
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☒ Charge any additional fee required under 37 CFR 1.16 & 1.17

2. ☒ Payment Enclosed

☐ Check ☒ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Expense Recognition	Expenses are recognized when the related asset is consumed or the liability is incurred.	Expenses are recognized when the related asset is consumed or the liability is incurred.
3. Asset Recognition	Assets are recognized when they are controlled by the entity and have a future economic benefit.	Assets are recognized when they are controlled by the entity and have a future economic benefit.
4. Liability Recognition	Liabilities are recognized when they are obligations of the entity that arise from past transactions or events.	Liabilities are recognized when they are obligations of the entity that arise from past transactions or events.
5. Equity Recognition	Equity is recognized as the residual interest in the entity's assets after deducting liabilities.	Equity is recognized as the residual interest in the entity's assets after deducting liabilities.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					\$355

2. EXTRA CLAIM FEES

		Extra Claims		Fee from below	Fee Paid
Total Claims	35	-20** =	15	x 9 =	135
Indep. Claims	6	-3** =	3	x 40 =	120
Multiple Dependent				=	0

*or number of previously paid, if greater. For reissues, see below.

Large Entity	Small Entity
<p>1. Revenue</p> <p>2. Cost of Sales</p> <p>3. Gross Profit</p> <p>4. Operating Expenses</p> <p>5. Operating Income</p> <p>6. Other Income</p> <p>7. Other Expenses</p> <p>8. Income Before Taxes</p> <p>9. Income Tax Expense</p> <p>10. Net Income</p>	<p>1. Revenue</p> <p>2. Cost of Sales</p> <p>3. Gross Profit</p> <p>4. Operating Expenses</p> <p>5. Operating Income</p> <p>6. Other Income</p> <p>7. Other Expenses</p> <p>8. Income Before Taxes</p> <p>9. Income Tax Expense</p> <p>10. Net Income</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	*Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Large entities use the percentage of completion method for long-term contracts, recognizing revenue as work progresses. Small entities often use the cost of sales method, recognizing revenue only when the contract is completed.</p>	<p>1. Revenue Recognition</p> <p>Small entities typically use the cost of sales method for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. Inventory Valuation</p> <p>Large entities use the FIFO (First In, First Out) method for inventory valuation. Small entities may use the LIFO (Last In, First Out) method, which can provide a tax advantage in periods of rising prices.</p>	<p>2. Inventory Valuation</p> <p>Small entities may use the LIFO (Last In, First Out) method for inventory valuation, which can provide a tax advantage in periods of rising prices.</p>
<p>3. Depreciation</p> <p>Large entities use the MACRS (Modified Accelerated Cost Recovery System) for depreciation. Small entities may use the straight-line method for depreciation.</p>	<p>3. Depreciation</p> <p>Small entities may use the straight-line method for depreciation.</p>
<p>4. Bad Debt Expense</p> <p>Large entities use the allowance method for bad debt expense. Small entities may use the direct write-off method.</p>	<p>4. Bad Debt Expense</p> <p>Small entities may use the direct write-off method for bad debt expense.</p>
<p>5. Lease Accounting</p> <p>Large entities use the ASC 842 (Leases) for lease accounting. Small entities may use the ASC 840 (Leases) for lease accounting.</p>	<p>5. Lease Accounting</p> <p>Small entities may use the ASC 840 (Leases) for lease accounting.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	0
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	710	246	355	Filing a submission after final rejection (37 C.F.R. 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 C.F.R. 1.129(b))	
169	900	169	900	Request for Expedited Examination of a Design Application	

Other (specify) _____

SUBTOTAL (2)	\$255
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* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	\$40
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SUBMITTED BY

Complete (if applicable)

Name (print type)

Howard Eisenberg

Registration No.

36,789

Telephone

(503) 227-5631

Signature

Howard Green

Date _____

February 6, 2002

02/06/02
10928 U.S. PTO

CERTIFICATE OF MAILING

BY "EXPRESS MAIL"

Express Mail No.: EL915422866US

Date of Deposit : February 6, 2002

I hereby certify that the design patent application attached hereto entitled
METHOD AND APPARATUS TO PACK HIGH EFFICIENCY COLUMNS FOR
CHROMATOGRAPHY (26 pages plus 2 drawing sheets), Georges Guiochon, inventor, together
with Fee Transmittal form (duplicate), Utility Patent Application Transmittal form, Declaration
and Power of Attorney (executed), Petition to Make Special Because of Applicant's Age,
Declaration of Applicant, Dr. Georges Guiochon, Assignment and Cover Sheet, and the required
fees (Credit Card Payment Form), is being deposited with the United States Postal Service
"Express Mail to Addressee" on the date indicated above and is addressed to: Box Patent
Application, Assistant Commissioner for Patents, Washington, D.C. 20231.


Dwight Bergquist-Moody